

**Large Size 26" WUXGA AFOLUX Panel PC / 42" WXGA+ AFOLUX Panel PC**

**AFL-26A/642A-965**

**Intel® Core™2 Duo T9400 2.53GHz Processor  
Intel® Core™2 Duo T7500 2.2GHz Processor  
Intel® Celeron® M550 2.0GHz Processor**

**AFL-26A/642A-AM2**

**AMD Athlon™ 64 X2 Dual-Core Processor  
5050e CPU**

1  
Automation

**Specifications**

Model	AFL-26A-965	AFL-26A(E)-AM2	AFL-26A(E)-GM45	AFL-642A-965	AFL-642A-AM2	AFL-642A-GM45
LCD Size	26"			42"		
Max Resolution	1920 x 1200			1366 x 768	1920 x 1080	
Brightness (cd/m²)	350 (300)			500	500	
Contrast Ratio	1500:1 (1000:1)			1500:1	2500:1	
LCD Color	16.7M					
Pixel Pitch (mm)	0.2865(H) x 0.2865(V)			0.681(H) x 0.681(V)		0.4845(H) x 0.4845(V)
Viewing Angle (H-V)	176°/176° (170°/150°)			178°/178°		178°/178°
Backlight MTBF (hrs)	50000			50000	60000	
SBC Model	AFLMB-9652-R10	AFLMB-690EAM2	AFLMB2-GM45-R10	AFLMB-9652-R10	AFLMB-690EAM2	AFLMB2-GM45-R10
CPU	Celeron® M550 2.0GHz CPU Core™2 Duo T7500 2.2GHz CPU	AMD Athlon™ 64 X2 Dual-Core Processor 5050e CPU	Celeron® M575 2.0GHz / Core™2 Duo T7500 2.2GHz /Core™2 Duo T9400 2.53GHz	Celeron® M550 2.0GHz CPU Core™2 Duo T7500 2.2GHz CPU	AMD Athlon™ 64 X2 Dual-Core Processor 5050e CPU	Celeron® M575 2.0GHz / Core™2 Duo T7500 2.2GHz /Core™2 Duo T9400 2.53GHz
Chipset	Intel® GME965	AMD 690E	Mobile Intel® GM45	Intel® GME965	AMD 690E	Mobile Intel® GM45
RAM	Supports two 2GB (Maximum) 400MHz DDRII SO-DIMM (System max. 4GB)	Supports one 2GB (Maximum) 400MHz, 533MHz, 667MHz or 800MHz DDRII SO-DIMM	Supports two 2GB (Maximum) 533MHz/ 667MHz DDRII SO-DIMM	Supports two 2GB (Maximum) 400MHz DDRII SO-DIMM (System max. 4GB)	Supports one 2GB (Maximum) 400MHz, 533MHz, 667MHz or 800MHz DDRII SO-DIMM	Supports two 2GB (Maximum) 533MHz/ 667MHz DDRII SO-DIMM
I/O Ports and Switches	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port 1 x VGA Port	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port 1 x VGA Port	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x HDMI Port 1 x Audio Port 1 x VGA Port	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port 1 x VGA Port	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port 1 x VGA Port	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x HDMI Port 1 x Audio Port 1 x VGA Port
SSD	CF Typell					
Watchdog Timer	Software programmable supports 1~255 sec. System reset					
Audio	AMP 6W + 6W	AMP 6W + 6W	AMP 5W + 5W	AMP 10W + 10W	AMP 10W + 10W	AMP 10W + 10W
Extension	1 x Wireless 802.11 b/g/n Lan Module (Mini PCIe Interface) 1 x Bluetooth Module (USB Interface)					
HDD Drive Bay	1 x 2.5" SATA HDD bay					
HSUPA Mobile Solution (Optional)	1 x HSUPA Mobile Module (USB Interface)					
Construction Material	ABS + PC Plastic front frame			Metal front frame		
OSD function	1. OSD Keypad below the Front Panel 2. Remote Control for OSD Function					
LED Function	1 x Power ON/OFF LED on Front Panel					
Mounting	Wall, Stand and Arm VESA 200mm x 100mm			Wall, Stand and Arm VESA 400mm x 200mm		
Front Panel Color	Black C					
Dimension (WxHxD) (mm)	623 x 425 x 100			990 x 582 x 135		
Operation Temperature (°C)	0°C ~40°C With HDD 0°C ~45°C With CF Card or SATA interface 2.5" SSD HDD					
Storage Temperature (°C)	-20°C ~60°C					
Net Weight	12 Kg	12 Kg	12 Kg	35 Kg	35 Kg	35 Kg
IP Level	IP64	IP64	IP64	IP64	IP64	IP64
Touch Screen	Surface Acoustic Wave Type (optional)	Surface Acoustic Wave Type (optional)	Surface Acoustic Wave Type (optional)	N/A	N/A	Surface Acoustic Wave Type (optional)
Power Requirement	100VAC~240VAC, 50/60Hz	100VAC~240VAC, 50/60Hz	100VAC~240VAC, 50/60Hz	100VAC~240VAC, 50/60Hz	100VAC~240VAC, 50/60Hz	100VAC~240VAC, 50/60Hz
Power Consumption	153W (Intel® T7500, 2GB memory, 80G HDD)	187W	155W	259W (Intel® T7500, 2GB memory, 80G HDD)	293W	260W

2  
Point of Service

3  
Digital Signage

4  
RISC-based Solutions

5  
Medical Solutions

## Ordering Information

### 26" WUXGA TFT LCD

		Model	Description
Standard Model	SAW Touch Panel	AFL-26A-AM2/WT-S/1GB-R11	26" 350cd/m <sup>2</sup> WUXGA panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-26A-9652-CM550/WT-S/1GB-R10	26" 350cd/m <sup>2</sup> WUXGA panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-26A-9652-T7500/WT-S/2GB-R10	26" 350cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
	Tempered Glass Protection	AFL-26A-AM2/1GB-R11	26" 350cd/m <sup>2</sup> WUXGA panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,Bluetooth,RoHS
		AFL-26A-9652-CM550/W/1GB-R10	26" 350cd/m <sup>2</sup> WUXGA panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless,Bluetooth,RoHS
		AFL-26A-9652-T7500/W/2GB-R10	26" 350cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module, Bluetooth,RoHS
Economical Model	SAW Touch Panel	AFL-26AE-AM2/WT-S/1GB-R11	26" 300cd/m <sup>2</sup> WUXGA panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-26AE-GM45-CM575/WT-S/1GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Celeron® M 575 2.0GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-26AE-GM45-T7500/WT-S/2GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-26AE-GM45-T9400/WT-S/2GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T9400 2.53GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
	Tempered Glass Protection	AFL-26AE-AM2/1GB-R11	26" 300cd/m <sup>2</sup> WUXGA panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,Bluetooth,RoHS
		AFL-26AE-GM45-CM575/W/1GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Celeron® M 575 2.0GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless,Bluetooth,RoHS
		AFL-26AE-GM45-T7500/W/2GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module, Bluetooth,RoHS
		AFL-26AE-GM45-T9400/W/2GB-R10	26" 300cd/m <sup>2</sup> WUXGA panel PC with Core™2 Dou T9400 2.2GHz CPU,2GB DDR2 RAM,802.11 b/g/n wireless module, Bluetooth,RoHS

### 42" WXSGA+/FULL HD TFT LCD

		Model	Description
Standard Model	Tempered Glass Protection	AFL-642A-AM2/W/1GB-R11	42" 500cd/m <sup>2</sup> WXSGA+ panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,Bluetooth,RoHS
		AFL-642A-9652-CM550/W/1GB-R10	42" 500cd/m <sup>2</sup> WXSGA+ panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,Bluetooth,RoHS
		AFL-642A-9652-T7500/W/2GB-R10	42" 500cd/m <sup>2</sup> WXSGA+ panel PC with Core™2 Duo T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,Bluetooth,RoHS
Economical Model	SAW Touch Panel	AFL-642AE-AM2/WT-S/1GB-R11	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-642AE-GM45-CM575/WT-S/1GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Celeron® M 575 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,SAW touch screen,Bluetooth,RoHS
		AFL-642AE-GM45-T7500/WT-S/2GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,
		AFL-642AE-GM45-T9400/WT-S/2GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T9400 2.53GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,
	Tempered Glass Protection	AFL-642AE-AM2/W/1GB-R11	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with AMD socket AM2 Athlon™ 64 X2 Dual-Core 5050e 2.6GHz CPU,1GB DDR2 RAM,802.11 b/g/n wireless module,Bluetooth,RoHS
		AFL-642AE-GM45-CM575/W/1GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Celeron® M 575 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,Bluetooth,RoHS
		AFL-642AE-GM45-T7500/W/2GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,Bluetooth,RoHS
		AFL-642AE-GM45-T9400/W/2GB-R10	42" 500cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T9400 2.53GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,Bluetooth,RoHS

1

Automation

2

Point of Service

3

Digital Signage

4

RISC-based Solutions

5

Medical Solutions

